

ASH GROVE CEMENT WEST, INC.
PORTLAND, OREGON

No. 109143

DATE	DESCRIPTION	GROSS AMOUNT	DISCOUNT	NET AMOUNT
02/14/92	4338	3,898.00		3,898.00
	CHECK TOTAL -	3,898.00		3,898.00
AGCS2M003625				

Puget Sound Air Pollution Control Agency

200 West Mercer Street, Room 205
Seattle, Washington 98119-3958

Telephone: (206) 296-7334
Facsimile: (206) 296-7431

Debit #: R.33422
Date: 02/14/1992
Reg #: 11339
Invoice #: 4338

Net 30 Days

INVOICE

ASH GROVE CEMENT WEST INC (E MARG,)
3801 E MARGINAL WY S
SEATTLE, WA 98134-1113

Attn:

NATHAN A FERNOW

1992 REGISTRATION FEE STATEMENTS -- 11339
3801 E MARGINAL WY S, SEATTLE

This invoice is calculated in accordance with Section 5.07, Regulation I of the Puget Sound Air Pollution Control Agency. It is based on the current data in our registration files referenced by registration no. 11339.

Description	No. Of Items	Charge Per Item	Total Charge
Fixed Charge per Facility			\$ 65.00
Air Contaminant Generating Equipment	4855	\$ 35	\$ 1,680.00
Air Contaminant Control Apparatus	4954	\$ 35	\$ 1,715.00
Emission Fee	1	\$ 18	\$ 18.00
TOTAL AMOUNT DUE			\$ 3,478.00

1925.⁰⁰
1890.⁰⁰
3898

INVOICE. PLEASE PAY AMOUNT INDICATED.

PLEASE MAIL YELLOW COPY WITH YOUR PAYMENT.

REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

(Needed for identification & surveillance of air contaminant sources)

Identification (ID File):

Reg # 11339

ASH GROVE CEMENT WEST INC (E MARG,)

3801 E MARGINAL WY S, SEATTLE
King County 98134

Mail:
3801 E MARGINAL WY S
SEATTLE, WA 98134-1113

Contact:
NATHAN A FERNOW

Title:
QUALITY CONTROL MANAGER

Phone:
623-5596

Schedule:
24 Hours/Day 7 Days/Week 52 Weeks/Year

Quarterly Level of Activity:
Dec-Feb 21% Mar-May 26%
Jun-Aug 30% Sep-Nov 23%

SIC # 3241 HYDRAULIC CEMENT

Section 5.05(e) of Regulation I requires the owner to develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, & III.

All equipment on the site or permitted as of January 1, 1992 is supposed to be registered (Table 5-B(5) of Regulation I).

If you have new or existing equipment that is not registered, please add it to the appropriate file (BE or CE).

If you have added new equipment without obtaining a Notice of Construction (NC) permit, contact Harry Watters at 296-7334 to obtain the appropriate NC permit application forms.

Otherwise, if a subsequent PSAPCA inspection indicates that there is unregistered equipment on site, you will be subject to penalties, fines, and citations as provided by law.

BE File - Air Contaminant Generating Equipment and

CE File - Associated Air Contaminant Control Apparatus (BC Format):

BOWL
(1) ~~BALL~~ MILL(2)
ERC #107
CE 18 43

Rated:10 TON/HR Year Installed: 1977 NC#:

CE(43) BAGHOUSE(2)

(462.120) FULLER #196C10

Rated:10073 CFM Year Installed: 1990 NC# 3382

REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

BE File - Air Contaminant Generating Equipment and
CE File - Associated Air Contaminant Control Apparatus (EC Format):

- / (2) BARGE UNLOADING
 WATER HOSE--SILICA SAND CONVEYOR TRANSFER OF GRAVEL
 CE 1 2
 Rated: 1200 TON/HR Year Installed: 1968 NC#: _____
- / CE (1) BAGHOUSE (2)
 BARGE UNLOAD ~~SHUTDOWN~~
 Rated: 7000 CFM Year Installed: 1979 NC#: _____
- / CE (2) BAGHOUSE
 COAL TOWER #11 ~~SHUTDOWN~~
 Rated: 5000 CFM Year Installed: 1979 NC#: 1919
- / (3) CLINKER TRANSFER ELEVATOR
~~SHUTDOWN~~
 CE 3 5
 Rated: 250 TPH Year Installed: 1968 NC#: _____
- / CE (3) BAGHOUSE
 CLINKER ELEV ~~SHUTDOWN~~
 Rated: 2112 CFM Year Installed: 1968 NC#: _____
- / CE (5) BAGHOUSE (2)
 FEED BINS ~~SHUTDOWN~~
 Rated: 3000 CFM Year Installed: 1968 NC#: _____
- / (4) STORAGE SILO (8) 4
~~SHUTDOWN~~
 CE 4 (19)
 Rated: 25000 TON Year Installed: 1968 NC#: _____
- / CE (4) BAGHOUSE (3)
 CLINKER/GYPSM SILO ~~SHUTDOWN~~
 Rated: 11592 CFM Year Installed: 1968 NC#: _____
- / CE (1) ¹⁹ BAGHOUSE (2) Ref: CE (19)
 BARGE UNLOAD SHUTDOWN
 Rated: 7000 CFM Year Installed: 1979 NC#: _____
- See BE (11) Storage Silo Group I
 / CE (9) BAGHOUSE
 CEMENT STORAGE SILO (GROUP I) SLY 6A
 Rated: 4150 CFM Year Installed: 1968 NC#: _____

* This item is not assessed an annual registration fee.

REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

BE File - Air Contaminant Generating Equipment and
CE File - Associated Air Contaminant Control Apparatus (BC Format):

*(5) FEED BINS(2)

~~SHUTDOWN (SOUTHERN MOST MILL)~~

CE 8

Rated: 5000 TON Year Installed: 1968 NC#: _____

*(8) BAGHOUSE(2)

FINISH MILL

Rated: 3864 CFM Year Installed: 1968 NC#: _____

*(6) FINISH MILL(2)

~~SHUTDOWN 12/2/87~~

CE 7

Rated: 54 TON/HR Year Installed: 1968 NC#: _____

*(7) BAGHOUSE(2)

 FINISH MILL ELEV ~~SHUTDOWN~~

Rated: 16800 CFM Year Installed: 1968 NC#: _____

*(7) CONE CRUSHER

SHUTDOWN (NW SIDE OF YARD) ERC #107

CE 16

Rated: 110 TON/HR Year Installed: 1955 NC#: _____

*CE(16) WATER SPRAY(2)

CONE CRUSHER--SHUTDOWN

 Rated: Unknown CFM Year Installed: 1956 NC#: _____

*(8) STORAGE BIN

SHUTDOWN

CE 18

 Rated: 500 TON Year Installed: ¹⁹²⁸~~2028~~ NC#: _____

(9) STORAGE SILO(2)

GROUP II

CE 10

Rated: 32000 TON Year Installed: 1968 NC#: _____

CE(10) BAGHOUSE(2)

CEMENT STORAGE SILOS (GROUP II) SLY 6B

Rated: 3680 CFM Year Installed: 1968 NC#: _____

(10) BULK LOADING

GROUP II

CE 11

Rated: 240 TON/HR Year Installed: 1968 NC#: _____

* This item is not assessed an annual registration fee.

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REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

BE File - Air Contaminant Generating Equipment and
CE File - Associated Air Contaminant Control Apparatus (BC Format):

CE(11) BAGHOUSE(2)

CEMENT BULK LOADING (GROUP II) SLY 6C

Rated:1770 CFM Year Installed: 1968 NC#:_____

(11) STORAGE SILO(2)

GROUP I

CE 9 12

 Rated:22500 TON Year Installed: ~~2028~~ ¹⁹²⁸ NC#:_____

CE(9) BAGHOUSE

CEMENT STORAGE SILO (GROUP I) SLY 6A

Rated:4150 CFM Year Installed: 1968 NC#:_____

CE(12) BAGHOUSE

CEMENT STORAGE SILOS (GROUP I) SLY 6B

Rated:3200 CFM Year Installed: 1969 NC#:_____

(12) SILO

STEEL SILOS

CE 13

Rated:1100 TON Year Installed: 1956 NC#:_____

CE(13) BAGHOUSE

STEEL SILOS SLY 6B

Rated:2944 CFM Year Installed: 1960 NC#:_____

(13) BULK LOADING

STEEL SILOS

CE 14

Rated:240 TON/HR Year Installed: 1965 NC#:_____

CE(14) BAGHOUSE(2)

BULK LOADING (STEEL SILOS) SLY 34

Rated:1716 CFM Year Installed: 1960 NC#:_____

*(14) PACK HOUSE

GROUP I NORTH (RAIL VIBRATOR INSIDE)

CE 15 17

 Rated:46 TON/HR Year Installed: ~~2028~~ ¹⁹²⁸ NC#:_____

CE(15) BAGHOUSE

 PACK HOUSE (GROUP I) NEWHAVEN 40B ¹⁹²⁸

 Rated:8200 CFM Year Installed: ~~2028~~ NC#:_____

* This item is not assessed an annual registration fee.

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REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

BE File - Air Contaminant Generating Equipment and
CE File - Associated Air Contaminant Control Apparatus (BC Format):

CE(17) BAGHOUSE(2) ¹
 PACK HOUSE (GROUP I) SLY 6B (ON TOP-USED W/RAIL UNLOAD)
 Rated: 1770 CFM Year Installed: 1969 NC#:

(15) CEMENT KILN
 CE 20, 46
 Rated: 92 TON/HR Year Installed: 1990 COAL/NAT GAS NC#:
 3382

CE(20) BAGHOUSE #342.030
 FULLER 11M11309
 Rated: 177000 CFM Year Installed: 1990 NC# 3382

(16) BELT CONVEYOR
 ITEM NO. 141.030
 CE 21
 Rated: 900 TON/HR Year Installed: 1990 NC# 3382

CE(21) BAGHOUSE
 (141.040) FULLER 49TA10
 Rated: 3643 CFM Year Installed: 1990 NC# 3382

(17) BELT CONVEYOR
 LIMESTONE STORAGE
 CE 22
 Rated: 900 TON/HR Year Installed: 1990 NC# 3382

CE(22) WATER SPRAY
 (151.005)
 Rated: _____ CFM Year Installed: 1990 NC# 3382

(18) BELT CONVEYOR
 DISTRIBUTOR/STACKER BRIDGE TYPE RECLAIMER
 CE 23
 Rated: 260 TON/HR Year Installed: 1990 NC# 3382

CE(23) BAGHOUSE 151.015
 (1510.15) FULLER 36TA10
 Rated: 2650 CFM Year Installed: 1990 NC# 3382

(19) BELT CONVEYOR
 LIMESTONE STORAGE
 CE 45
 Rated: 260 TON/HR Year Installed: 1990 NC# 3382

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REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

BE File - Air Contaminant Generating Equipment and

CE File - Associated Air Contaminant Control Apparatus (BC Format):

CE(45) BAGHOUSE(~~✓~~)¹
 (161.015) FULLER 64TA10
 Rated:4390 CFM Year Installed: 1990 NC#: 3382

(20) BELT CONVEYOR
 LIMESTONE TRANSPORT, 30 FT
 CE 45
 Rated:210 TON/HR Year Installed: 1990 NC#: 3382

* CE(45) BAGHOUSE(~~✓~~)¹
 (161.015) FULLER 64TA10
 Rated:4390 CFM Year Installed: 1990 NC#: 3382

(21) BELT CONVEYOR
 LIMESTONE TRANSPORT, 240 FT
 CE 24 45
 Rated:210 TON/HR Year Installed: 1990 NC#: 3382

CE(24) BAGHOUSE(~~✓~~)¹
 (163.020) FULLER 144C10
 Rated:9630 CFM Year Installed: 1990 NC#: 3382

* CE(45) BAGHOUSE(~~✓~~)¹
 (161.015) FULLER 64TA10
 Rated:4390 CFM Year Installed: 1990 NC#: 3382

(22) BELT CONVEYOR
 LIMESTONE TRANSPORT, 51 FT
 CE 24
 Rated:440 TON/HR Year Installed: 1990 NC#: 3382

* CE(24) BAGHOUSE(~~✓~~)¹
 (163.020) FULLER 144C10
 Rated:9630 CFM Year Installed: 1990 NC#: 3382

(23) BELT CONVEYOR(~~✓~~)¹
 LIMESTONE TRANSPORT, 262 FT
 CE 24 25
 Rated:440 TON/HR Year Installed: 1990 NC#: 3382

* CE(24) BAGHOUSE(~~✓~~)¹
 (163.020) FULLER 144C10
 Rated:9630 CFM Year Installed: 1990 NC#: 3382

REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

BE File - Air Contaminant Generating Equipment and
CE File - Associated Air Contaminant Control Apparatus (BC Format):

CE(25) BAGHOUSE

(163.050) FULLER 64TA10

Rated:4107 CFM Year Installed: 1990 NC#: 3382

(24) TRUCK UNLOADING

TRUCK HOPPER & APRON FEEDER XREF:INTAKE FOR CLAY &ADDITIVE

CE 26

Rated:285 TON/HR Year Installed: 1990 NC#: 3382

CE(26) BAGHOUSE(~~2~~)¹

(152.030) FULLER 100C10

Rated:7501 CFM Year Installed: 1990 NC#: 3382

(25) BELT CONVEYOR

37 FT, XREF: INTAKE FOR CLAY & ADDITIVES

CE 26

Rated:285 TON/HR Year Installed: 1990 NC#: 3382

* CE(26) BAGHOUSE(~~2~~)¹

(152.030) FULLER 100C10

Rated:7501 CFM Year Installed: 1990 NC#: 3382

(26) BELT CONVEYOR

245 FT, XREF: INTAKE FOR CLAY & ADDITIVES

CE 27

Rated:285 TON/HR Year Installed: 1990 NC#: 3382

CE(27) BAGHOUSE

(152.060) FULLER 64TA10

Rated:4390 CFM Year Installed: 1990 NC#: 3382

(27) BELT CONVEYOR

41 FT, XREF: INTAKE FOR CLAY & ADDITIVES

CE 27

Rated:285 TON/HR Year Installed: 1990 NC#: 3382

* CE(27) BAGHOUSE

(152.060) FULLER 64TA10

Rated:4390 CFM Year Installed: 1990 NC#: 3382

(28) BELT CONVEYOR

218 FT, XREF: INTAKE FOR CLAY & ADDITIVES

CE 24

Rated:285 TON/HR Year Installed: 1990 NC#: 3382

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REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

BE File - Air Contaminant Generating Equipment and
CE File - Associated Air Contaminant Control Apparatus (BC Format):

* CE(24) BAGHOUSE(A) 1
 (163.020) FULLER 144C10
 Rated: 9630 CFM Year Installed: 1990 NC#: 3382

(29) BELT CONVEYOR
 211 FT, IRON ORE/SAND TO SILOS
 CE 28
 Rated: 285 TON/HR Year Installed: 1990 NC#: 3382

CE(28) BAGHOUSE
 (155.050) FULLER 100C10
 Rated: 6370 CFM Year Installed: 1990 NC#: 3382

(30) BELT CONVEYOR
 331.050 DOSIMAT BELT FEEDER, 10 FT.
 CE 29
 Rated: unknown Year Installed: 1990 NC#: 3382

CE(29) BAGHOUSE(A) 1
 (331.210) FULLER 100C10
 Rated: 6994 CFM Year Installed: 1990 NC#: 3382

(31) BELT CONVEYOR
 APRON FEEDER, 14 FT, MILL FEED
 CE 29
 Rated: unknown Year Installed: 1990 NC#: 3382

* CE(29) BAGHOUSE(A) 1
 (331.210) FULLER 100C10
 Rated: 6994 CFM Year Installed: 1990 NC#: 3382

(32) BELT CONVEYOR
 DOSIMAT BELT FEEDER, 7 FT, MILL FEED
 CE 29
 Rated: unknown Year Installed: 1990 NC#: 3382

* CE(29) BAGHOUSE(A) 1
 (331.210) FULLER 100C10
 Rated: 6994 CFM Year Installed: 1990 NC#: 3382

(33) BELT CONVEYOR
 DOSIMAT BELT FEEDER, 7 FT, MILL FEED
 CE 29
 Rated: unknown Year Installed: 1990 NC#: 3382

Form A

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REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

BE File - Air Contaminant Generating Equipment and

CE File - Associated Air Contaminant Control Apparatus (BC Format):

* CE(29) BAGHOUSE(1) 1
 (331.210) FULLER 100C10
 Rated:6994 CFM Year Installed: 1990 NC# 3382

(34) BELT CONVEYOR
 119 FT, RAW MATERIAL SILO
 CE 30
 Rated:195 TON/HR Year Installed: 1990 NC# 3382

CE(30) BAGHOUSE
 (331.220) FULLER 100C10
 Rated:6760 CFM Year Installed: 1990 NC# 3382

(35) BELT CONVEYOR
 163 FT, RAW MATERIAL SILO
 CE 31
 Rated:195 TON/HR Year Installed: 1990 NC# 3382

CE(31) BAGHOUSE
 (331.330) FULLER 36TA10
 Rated:2279 CFM Year Installed: 1990 NC# 3382

(36) BELT CONVEYOR
 163 FT, RAW MATERIAL SILO
 CE 32
 Rated:195 TON/HR Year Installed: 1990 NC# 3382

CE(32) BAGHOUSE
 (341.180) FULLER 36T10
 Rated:2181 CFM Year Installed: 1990 NC# 3382

(37) BELT CONVEYOR
 APRON FEEDER, 28' COAL INTAKE
 CE 33
 Rated:235 TON/HR Year Installed: 1990 NC# 3382

CE(33) BAGHOUSE(1) 1
 (212.040) FULLER 120C10
 Rated:7925 CFM Year Installed: 1990 NC# 3382

(38) BELT CONVEYOR
 44 FT, COAL INTAKE
 CE 33
 Rated:235 TON/HR Year Installed: 1990 NC# 3382

Form A

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REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

BE File - Air Contaminant Generating Equipment and
CE File - Associated Air Contaminant Control Apparatus (BC Format):

* CE(33) BAGHOUSE(2)¹
 (212.040) FULLER 120C10
 Rated: 7925 CFM Year Installed: 1990 NC#: 3382

(39) BELT CONVEYOR
 483 FT, COAL INTAKE
 CE 34
 Rated: 235 TON/HR Year Installed: 1990 NC#: 3382

CE(34) BAGHOUSE
 (212.060) FULLER 36TA10
 Rated: 2622 CFM Year Installed: 1990 NC#: 3382

(40) BELT CONVEYOR
 133 FT, COAL INTAKE
 CE 35
 Rated: 235 TON/HR Year Installed: 1990 NC#: 3382

CE(35) BAGHOUSE
 (212.080) FULLER 25TA10
 Rated: 1487 CFM Year Installed: 1990 NC#: 3382

(41) ROLLER MILL
 VERTICAL, RAW MILL
 CE ~~36~~ 20
 Rated: 200 TON/HR Year Installed: 1990 NC#: 3382

* CE(~~36~~)²⁰ BAGHOUSE
 (342.030) FULLER 11M11309
 Rated: ~~158325~~ CFM Year Installed: 1990 NC#: 3328
 177000

(42) CONVEYOR
 FLUXOSLIDE, 82 FT, RAW MEAL TRANSPORT
 CE 37
 Rated: 185 TON/HR Year Installed: 1990 NC#: 3382

CE(37) BAGHOUSE
 (361.350) FULLER 49TA10
 Rated: 2897 CFM Year Installed: 1990 NC#: 3382

(43) CONVEYOR
 AIR LIFT, PNEUMATIC CONVEYOR
 CE 38
 Rated: 185 TPH Year Installed: 1990 NC#: 3382

REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

Form A

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

BE File - Air Contaminant Generating Equipment and

CE File - Associated Air Contaminant Control Apparatus (BC Format):

CE(38) BAGHOUSE

(351.090) FULLER 120C10

Rated: 7847 CFM Year Installed: 1990 NC#: 3382

(44) BLENDING(1)

SCREW CONV, FLUXOSLIDE, BUCKET ELEV, AIR LIFT PNEUMATIC CONV

CE 37 39

Rated: 165 TON/HR Year Installed: 1990 NC#: 3382

* CE(37) BAGHOUSE

(361.350) FULLER 49TA10

Rated: 2897 CFM Year Installed: 1990 NC#: 3382

CE(39) BAGHOUSE

(361.300) FULLER 80C10

Rated: 5413 CFM Year Installed: 1990 NC#: 3382

(45) CONVEYOR

DEEP DRAWN PAN CONVEYOR G-COOLER HEAT EXCH XREF: CLINKER CONVEY

CE 40

Rated: 92 TON/HR Year Installed: 1990 NC#: 3382

CE(40) BAGHOUSE

(471.070) FULLER 49TA10

Rated: 3202 CFM Year Installed: 1990 NC#: 3382

(46) BELT CONVEYOR

119 FT., CLINKER CONVEYING

CE 6

Rated: 92 TPH Year Installed: 1990 NC#: 3382

CE(6) BAGHOUSE

1980 KILN DISCHARGE

Rated: 5000 CFM Year Installed: 1985 NC#: _____

* ~~CE(4) BAGHOUSE(3)~~

~~CLINKER/GYPSM SILO SHUTDOWN~~

~~Rated: 11592 CFM Year Installed: 1968 NC#: _____~~

~~CE(6) BAGHOUSE~~

~~1980 KILN DISCHARGE~~

~~Rated: 5000 CFM Year Installed: 1985 NC#: _____~~

* This item is not assessed an annual registration fee.

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REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

BE File - Air Contaminant Generating Equipment and
CE File - Associated Air Contaminant Control Apparatus (BC Format):

(47) BELT CONVEYOR

DOSIMAT, 11 FT, RAW COAL BIN & FEED

CE 41

Rated: 7 TON/HR Year Installed: 1990 NC#: 3382

CE(41) BAGHOUSE

(461.060) FULLER 49TA10

Rated: 2603 CFM Year Installed: 1990 NC#: 3382

(48) BELT CONVEYOR

DOSIMAT, 11 FT, RAW COAL BIN & FEED

CE 42

Rated: 7 TON/HR Year Installed: 1990 NC#: 3382

CE(42) BAGHOUSE

(461.070) FULLER 49TA10

Rated: 2603 CFM Year Installed: 1990 NC#: 3382

(49) STORAGE SILO

COAL, FIRING EQUIP

CE 44

Rated: UNKNOWN Year Installed: 1990 NC#: 3382

CE(44) BAGHOUSE

(463.110) FULLER 16AT10

Rated: 848 CFM Year Installed: 1990 NC#: 3382

()

Rated: _____ Year Installed: _____ NC#: _____

Air Contaminant Control Apparatus (CE File) not listed in BC Format:

Ref: * (19) BAGHOUSE

BE(4) CLINKER/GYPSUM SILO SHUTDOWN

Rated: 6000 CFM Year Installed: 1968 NC#: _____

Ref: * (46) CEM SYSTEM (CONTINUOUS EMISSION MONITORS)(2)

BE(15) KILN & COOLER WITH BH Op, NOx

Rated: _____ CFM Year Installed: 1990 NC#: 3382

* This item is not assessed an annual registration fee.

REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

Air Contaminant Control Apparatus (CE File) not listed in BC Format:

() _____

Rated: _____ CFM Year Installed: _____ NC#: _____

Notices of Construction (NC File):

Approved Installed Inspected

# 685 MULTICLONES REPLACED EMISSIONS NOT TO EXCEED STANDARDS OF REG I SECTION	1/13/72 04/03/72	
# 918 LEAR SIEGLER & NEW ELECTRODES	2/23/73 03/05/73	
# 1011 REPLACE ELECTRODES & PLATES	7/19/73 03/15/74	
# 1344 BAG FILTER FOR CEMENT SILO	10/25/74 01/08/75	
# 1538 CONVERT TO COAL	4/19/76 01/20/77	
# 1905 CLINKER STORAGE BLDG	01/04/79 06/20/79	
# 1918 STRIP CURTAINS, PACK HOUSE SHED	08/13/79 03/01/79	
# 1919 TOWER 11 BAGHOUSE	08/13/79 03/01/79	
# 1920 BAGHOUSE FOR TOWER, FINISH NIL	08/13/79 03/01/79	
# 1921 CLINKER UNLOADING ENCLOSURE	08/13/79 03/01/79	
# 1922 TOWER 11 ENCLOSURES, 2 LEVELS	08/13/79 03/01/79	
# 2305 RR UNLOADING, 4 BAGHOUSES	09/21/81	
# 2399 COAL UNLOADING & STOCKPILING	02/28/83 02/28/83	
# 2743 BAGHOUSES & CLINKER ENCL	2/26/86 3/26/86	
# 2866 CONE CRUSHER & WATER SPRAYS	2/13/87	
# 3382 DRY PROCESS CEMENT PLANT NSPS, SOURCE TEST, PSD, CEM FOR OPACITY, OFFSET/PM	6/19/90	

++

++ means ITEM REMOVED or NOT APPLICABLE.

Notices of Construction Special Conditions:

2866 CONE CRUSHER & WATER SPRAYS

Authority to operate this crusher expires on March 31, 1987.

3382 DRY PROCESS CEMENT PLANT

4. This source is subject to Subpart F of 40 CFR 60.

5. The emissions from the main baghouse shall not exceed the following limits:

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REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

Form A

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

Notices of Construction Special Conditions:

- a. for carbon monoxide (CO): 1000 ppm @10% oxygen, 538 pph (pounds per hour) 8-hr ave. and 2,353 tpy (tons per year);
 - b. for Nitrogen Oxides (NOx): 668 ppm @10%O2 1-hr, 590 pph, 422 pph (24-hr ave), 478 ppm @10%O2-24hr, and 1846 tpy.
 - c. for Sulfur Dioxide (SO2): 33 ppm @10%O2-1hr, 40 pph and 176 tpy;
 - d. for Particulate Matter (PM): 10.6 pph and 46 tpy.
6. The monitoring and reporting of CO, NOx, SO2, and Opacity shall be done in accordance with Article 12 of Regulation I.
 7. Emission of particulate matter from all baghouses shall not exceed 0.010 grains/dscf.
 8. All emission testing, monitoring and reporting shall be performed in accordance with PSAPCA requirements.
 9. Offsets of PM emissions (deducted from ERC# 107) are required under this NC3382, pursuant to Section 6.08 of Regulation I.

Inspection/Contact (INSP File):

INSPECTED 03/15/1989 DJL 1
 08/29/1989 DJL 2
 08/16/1990 DJL CMW 2 DUST COMPLAINT
 02/15/1991 AJF 1991 FORM A SENT
 02/14/1992 AJF 1992 FORM A SENT

Pursuant to Section 5.05(a), you are hereby requested to furnish raw material (RM) information (type and amount) and toxic air contaminants (TAC) emitted during the calendar years indicated. Section 1.11 of Regulation III also requires annual reporting of TAC emissions.

Please add any additional pertinent raw materials, fuels, and process quantities to the RM file and any pertinent TAC to the TAC file.

Raw Materials/Fuels/Process Quantities (RM File):

	<u>1989</u>	<u>1990</u>	<u>1991</u>
(1) FUELS COMBUSTED- GAS(THERMS),#2 OIL,#6 OIL(GAL),COAL,WOOD(TON)	_____	_____	_____
(3) CEMENT ^{Shipped} PRODUCTION(TON)	269429	196000	_____
(6) COAL(TON)	_____	_____	_____
(7) CRUSHED ROCK (TONS/YR)	_____	_____	_____

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REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

Raw Materials/Fuels/Process Quantities (RM File):

	<u>1989</u>	<u>1990</u>	<u>1991</u>
(8) CEMENT	_____	_____	_____
() _____	_____	_____	_____
() _____	_____	_____	_____

REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

Toxic Air Contaminant Emissions Inventory (TAC File):

 (For a simplified method of calculating
toxics from raw materials, please refer
to the pink Form A Instruction Sheet.)

	1989 (lbs/yr)	1990 (lbs/yr)	1991 (lbs/yr)
Acetone			
Aliphatic Hydrocarbons			
Ammonia	1*	1*	1*
Aromatic Hydrocarbons			
Autobody Thinner			
Autobody Paint			
Benzene			
Butyl Acetate			
Butyl Alcohol			
Butyl Cellosolve (2-Butoxyethanol)			
Cadmium Compounds			
Chromium (VI)			
Chromium (Metal)			
Cyclohexanone			
Dichloromethane			
Ethyl Acetate			
Ethyl Alcohol (Ethanol)	1*	1*	1*
Ethylbenzene			
Ethylene Oxide			
Formaldehyde			
Freon 113			
Gasoline Vapors			
Hexane			
Hydrochloric Acid	1*	1*	1*
Isobutyl Acetate			
Isobutyl Alcohol			
Isopropyl Acetate			
Isopropyl Alcohol	1*	1*	1*
Lead			
Manganese			
Mercury			
Methyl Alcohol (Methanol)			
Methyl Ethyl Ketone			
Methyl Isobutyl Ketone			
Naphtha			
Nickel			
Nitric Acid	1*	1*	1*
Perchloroethylene (Tetrachloroethylene)			

REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS

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ASH GROVE CEMENT WEST INC (E MARG,)

Reg # 11339

Toxic Air Contaminant Emissions Inventory (TAC File):

 (For a simplified method of calculating
toxics from raw materials, please refer
to the pink Form A Instruction Sheet.)

	<u>1989</u> (lbs/yr)	<u>1990</u> (lbs/yr)	<u>1991</u> (lbs/yr)
Phenol	_____	_____	_____
Stoddard Solvent	_____	_____	_____
Styrene	_____	_____	_____
Sulfuric Acid	<u>1*</u>	<u>1*</u>	<u>1*</u>
Toluene	_____	_____	_____
Toluene 2,4 Diisocyanate	_____	_____	_____
1,1,1 Trichloroethane	_____	_____	_____
Trichloroethylene	_____	_____	_____
Xylene	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Comments

* These chemicals are used in limited quantities
in the laboratory. Actual Emissions unknown

Please return all pages of this 1992 Registration Form A titled
"REGISTERED EQUIPMENT/CONTROL APPARATUS/TOXICS", by April 15, 1992,
with any discrepancies corrected and any omitted items added. Fees
are due by March 15, 1992.

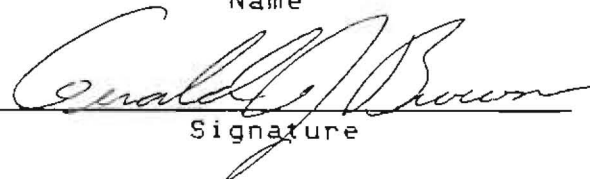
☒ Please check here if you wish to be on the mailing list for updates
of Regulations I, II, and III

Gerald J Brown

Name

Manager Safety & Environment

Title



Signature

3/2/92

Date

Form A

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